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To: STIC-ILL

Subject: 10/088293

Conjugal transfer of plasmid pIP501 from *Lactococcus lactis* to *Lactobacillus delbrueckii* subsp. *bulgaricus* and *Lactobacillus helveticus*

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Langella et al.

Thank you,

Tina

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107 over chm 11

L2 ANSWER 1 OF 3 MEDLINE on STN DUPLICATE 1
 ACCESSION NUMBER: 2003254345 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12777490
 TITLE: Transposition in *Lactobacillus delbrueckii* subsp.
bulgaricus: identification of two thermosensitive replicons
 and two functional insertion sequences.
 AUTHOR: Serror Pascale; Ilami Golnar; Chouayekh Hichem; Ehrlich S
 Dusko; Maguin Emmanuelle
 CORPORATE SOURCE: Unite Recherche Laitiere et Genetique Appliquee, INRA,
 Domaine de Vilvert, 78352 Jouy-en-Josas Cedex, France.
 SOURCE: Microbiology (Reading, England), (2003 Jun) 149 (Pt 6)
 1503-11.
 Journal code: 9430468. ISSN: 1350-0872.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-*AF449484*
 ENTRY MONTH: 200307
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AB In this report, it is shown that the rolling circle replicon pG(+)host and
 the theta replicon p*IP501* are thermosensitive in *Lactobacillus*
delbrueckii subsp. *bulgaricus* (*Lactobacillus bulgaricus*). Using a
pIP501 derivative as a delivery vector for six insertion sequences
 originating from lactic acid bacteria, it is shown that IS1223 and IS1201
 transpose in *L. bulgaricus*.

L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2001:229063 CAPLUS
 DOCUMENT NUMBER: 134:261842
 TITLE: Conditional integrator plasmids and method for genetic
 modification of *Lactobacillus delbrueckii*
 INVENTOR(S): Serror, Pascale; Ilami-Nespoulous, Golnar; Van de
 Guchte, Maarten; Chervaux, Christian; Fremaux,
 Christophe; Benbadis, Laurent; Maguin, Emmanuelle
 PATENT ASSIGNEE(S): Institut National de la Recherche Agronomique (INRA),
 Fr.; Compagnie Gervais Danone; Rhodia Food
 SOURCE: PCT Int. Appl., 27 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021819	A2	20010329	WO 2000-FR2565	20000915
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1212437	A2	20020612	EP 2000-964297	20000915
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
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FILE 'STNGUIDE' ENTERED AT 14:18:02 ON 07 MAY 2004

FILE 'HOME' ENTERED AT 14:18:47 ON 07 MAY 2004

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 14:20:45 ON 07 MAY 2004

L1 5 S PIP501 AND DELBRUECKII

L2 3 DUP REMOVE L1 (2 DUPLICATES REMOVED)

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	Hits	Search Text	DBs	Time Stamp
1	10	pIP501 near (plasmid or construct or vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/07 13:58
2	3	13 and delbrueckii	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/07 13:58
3	14	pIP501	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/07 10:40
4	12	plasmid with pIP501	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/28 11:34
5	14	pIP501	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/07 10:40
6	10	pIP501 near (plasmid or construct or vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/07 13:57